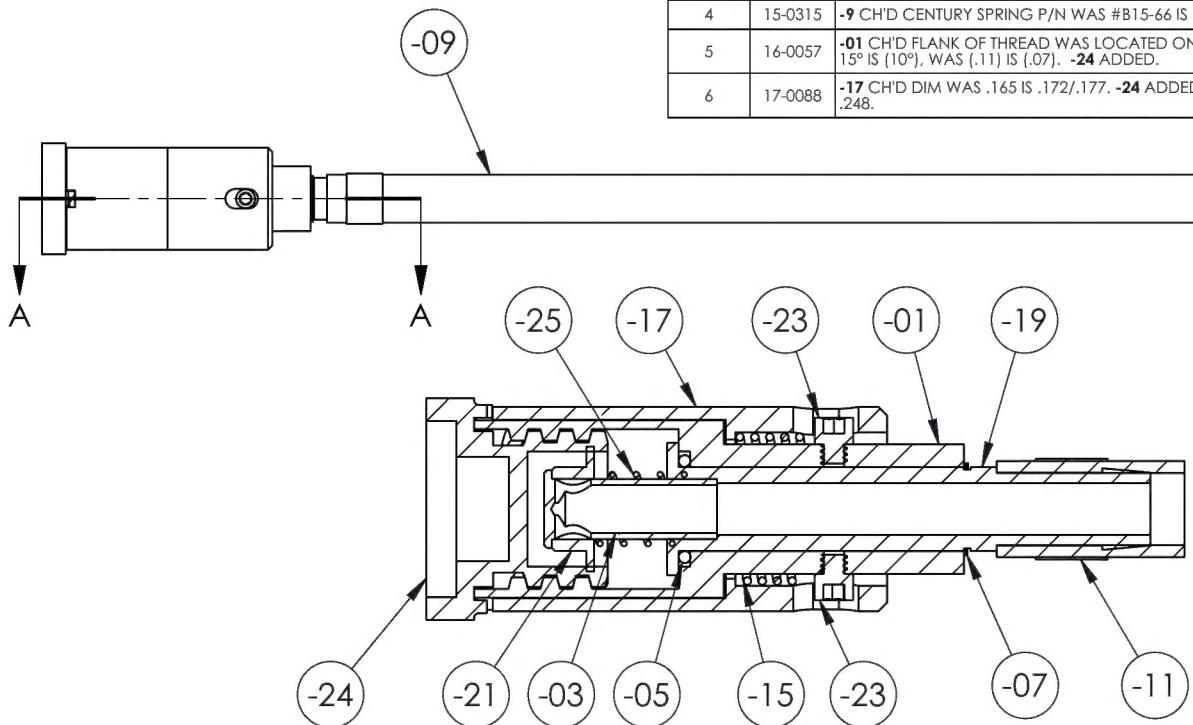


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| REVISIONS | | | | | |
|-----------|---------|---|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 1 | | REDESIGNED WITH SHUTOFF AND RETAINING SLEEVE, ADDED PARTS -03, -17, -19, -21 & -23. | 3/2/2011 | JAG | |
| 2 | | -01 CH'D TO CLEAR ANODIZE, THREAD CORRECTED TO 13/16-6. -03 CH'D HOLE FROM Ø.20, CH'D LIMIT DIM FROM Ø.3135 - .3139. -17 CH'D TO CLEAR ANODIZE. -19 CH'D HOLE DIA. FROM Ø.26 AND .10 FLANGE TO .06. -21 CH'D Ø.313 TO LIMIT DIM S.F. | 11/30/2011 | RJC | DW |
| 3 | | -17 ADDED ENGRAVE NOTE. -23 CH'D O.D. FROM Ø.20 TO Ø.200 +.003 -.000. | 2/15/2012 | RJC | SE |
| 3A | | -13 DELETE, ENGRAVING IS ON -17 . | 5/2/2013 | RJC | RJC |
| 4 | 15-0315 | -9 CH'D CENTURY SPRING P/N WAS #B15-66 IS #2619. | 9/30/2015 | RJC | JAG |
| 5 | 16-0057 | -01 CH'D FLANK OF THREAD WAS LOCATED ON CENTERLINE IS OFFSET 13° FROM CENTERLINE; WAS 15° IS (10°), WAS (.11) IS (.07). -24 ADDED. | 6/16/2016 | SM | JAG |
| 6 | 17-0088 | -17 CH'D DIM WAS .165 IS .172/.177. -24 ADDED DIM'S .696, Ø1.09, MIN. R. DELETED DIM'S 2X .068, .248. | 4/17/2017 | RJC | JAG |



SECTION A-A
SCALE 1 : 1

NOTE:
FUNCTION: PART OF HELICOPTER SERVICING KIT PART No 3G1205G00131. USED TO DRAIN OIL FROM THE MGB THROUGH THE PARKER STRATOFLEX COUPLING, RBW1205G00332-3G REPLACES STRATOFLEX (11362) (A3Q07) P/N 165006.

| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material | B/O INFORMATION OR SPECIFICATIONS | PG. |
|----------|----------|-----|--------|----------|-------------------------|--------------|--|-----|
| | | | -01 | 1 | CAP | 6061 | | 2 |
| | | | -03 | 1 | QUILL | 303/304 S.S. | | 3 |
| | | B/O | -05 | 1 | O-RING | BURNA-N | 9/16 OD X 1/16 CROSS (MCMaster-CARR #4464T123) | 1 |
| | | B/O | -07 | 1 | EXTERNAL RETAINING RING | SPRING STEEL | Ø7/16 SHAFT MCMaster-CARR #91665A350 | 1 |
| | | B/O | -09 | 1 | HOSE | VINYL | Ø1/2 X 3/8 X 6 FT. KURI-TECH #K010-0608 | 1 |
| | | B/O | -11 | 1 | CRIMP HOSE CLAMP | S.S. | Ø1/2 DIXON VALVE #OET-1315 | 1 |
| | | B/O | -15 | 1 | SPRING | SPRING STEEL | Ø3/4 CENTURY SPRING #2619 | 1 |
| | | | -17 | 1 | SLEEVE | 6061 | | 4 |
| | | | -19 | 1 | BARB | 303/304 S.S. | | 5 |
| | | | -21 | 1 | VALVE | 303/304 S.S. | | 6 |
| | | | -23 | 2 | SCREW | S.S. | 6-32 X 1/8 (MCMaster-CARR #92196A139) MODIFIED | 7 |
| | | | -24 | 1 | END CAP | 6061 | | 8 |
| | | B/O | -25 | 1 | SPRING | MUSIC WIRE | Ø.028 WIRE: Ø.360 OD X .5 FREE LENGH RIED #S1165 | 1 |



TITLE
MAIN GEAR BOX DRAIN TOOL

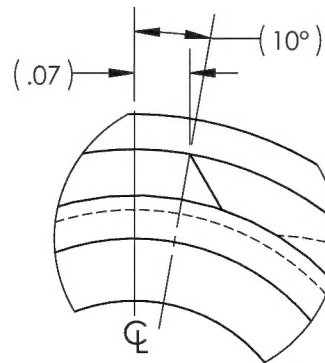
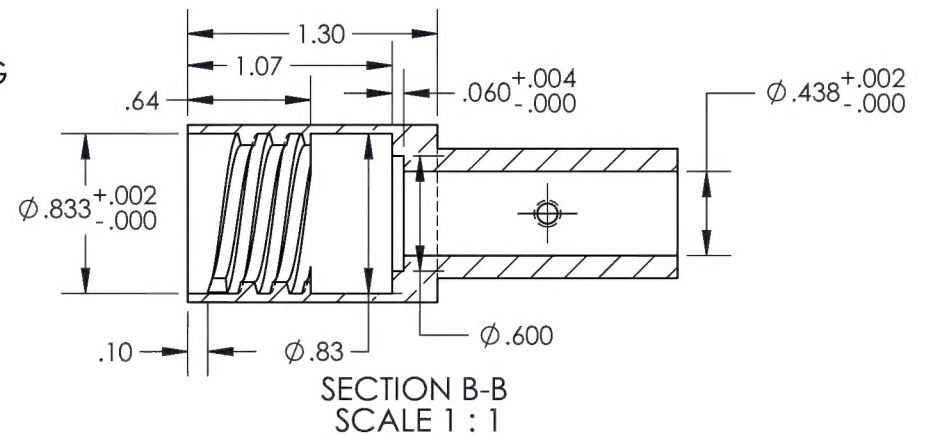
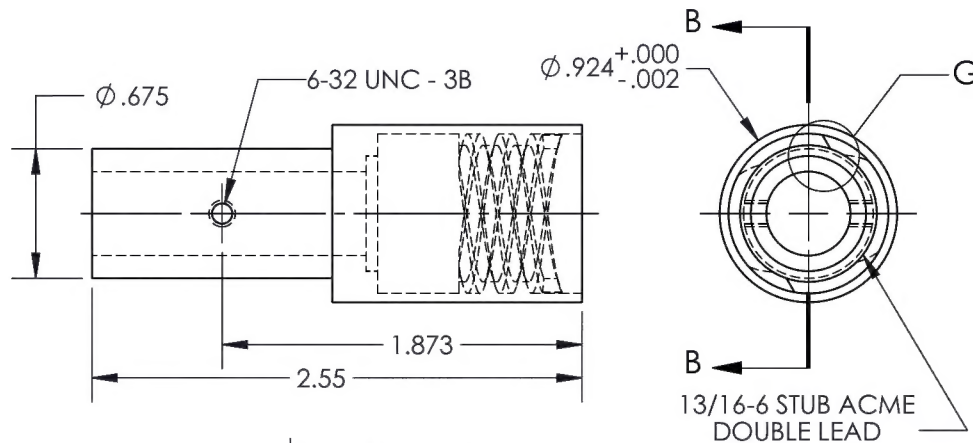
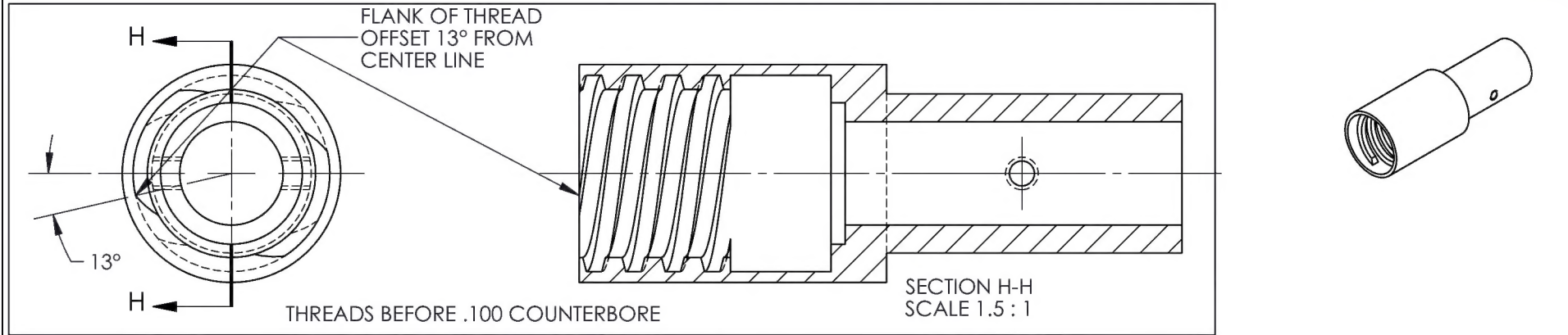
DWG NO. RBW1205G00332-3G

REV
6

| MAT'L | | UNLESS OTHERWISE SPECIFIED | |
|------------|-----------|------------------------------|-----------|
| FEAT | | DIMENSIONS ARE IN INCHES | |
| TREAT | | .XXX ± .005 FRACTIONS ± 1/8 | |
| FINISH | | .XX ± .01 ANGLES ± .5° | |
| | | .X ± .1 SURFACES = 125/ | |
| SPEC | | 1. BREAK ALL SHARP EDGES | |
| | | .015 x 45° OR .015R | |
| DRAWN BY: | PERITT | 2. DIMENSIONAL LIMITS APPLY | |
| CHECKED: | DUERFELDT | AFTER PLATING | |
| OPPS APPR: | ANDERSON | 3. INTERPRET DIM AND TOL PER | |
| QA APPR: | LINDSAY | ASME Y14.5M-2009 | |
| APPROVED: | GILBERT | USED ON MODEL | |
| | | AGUSTA | |
| SCALE | 1:2 | DATE | 2/23/2011 |
| | | SHEET | 1 OF 8 |

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| REVISIONS | | | | | |
|-----------|---------|---|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 1 | | REDESIGNED TO USE WITH SLEEVE. | 3/2/2011 | JAG | |
| 2 | | -01 CH'D TO CLEAR ANODIZE, THREAD CORRECTED TO 13/16-6. | 12/20/2011 | RJC | DW |
| 5 | 16-0057 | -01 CH'D FLANK OF THREAD WAS LOCATED ON CENTERLINE IS OFFSET 13° FROM CENTERLINE; WAS 15° IS (10°). WAS (.11) IS (.07). | 6/16/2016 | SM | JAG |



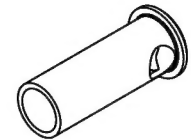
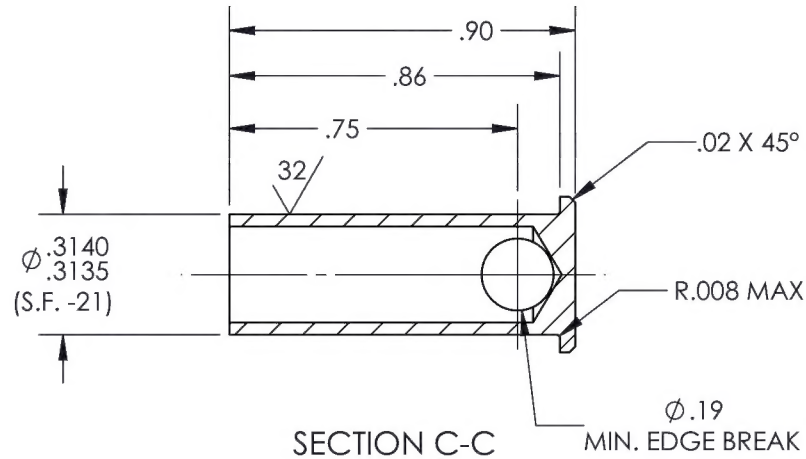
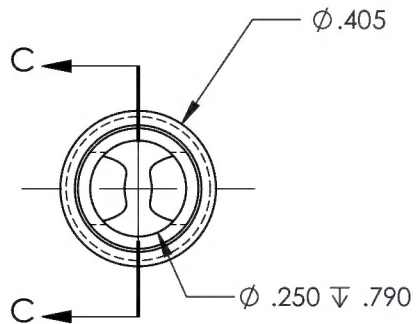
REMOVE THREAD START
TO FULL THREAD WIDTH
AS SEEN IN ISO

(-01)
CAP

| | |
|--|--|
| DART AEROSPACE | |
| TITLE MAIN GEAR BOX DRAIN TOOL | |
| DWG NO. RBW1205G00332-3G-01 | REV 6 |
| MAT'L 6061 | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES |
| HEAT TREAT | .XXX ± .005 FRACTIONS ± 1/8 |
| FINISH CLEAR ANODIZE | .XX ± .01 ANGLES ± 5° |
| SPEC MIL-A-8625, TYPE II, CLASS I | .X ± .1 SURFACES = 125 |
| DRAWN BY: PERRITT | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R |
| CHECKED: DUERFELDT | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| OPPS APPR: ANDERSON | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| QA APPR: LINDSAY | USED ON MODEL |
| APPROVED: GILBERT | AGUSTA |
| SCALE 1:1 | DATE 2/23/2011 |
| SHEET 2 OF 8 | |

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| REVISIONS | | | | | |
|-----------|-----|--|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 1 | | -03 ADDED THIS PART FOR REDESIGN. | 3/2/2011 | JAG | |
| 2 | | -03 CH'D HOLE FROM Ø.20, CH'D LIMIT DIM FROM Ø.3135-.3139. | 11/30/2011 | RJC | DW |



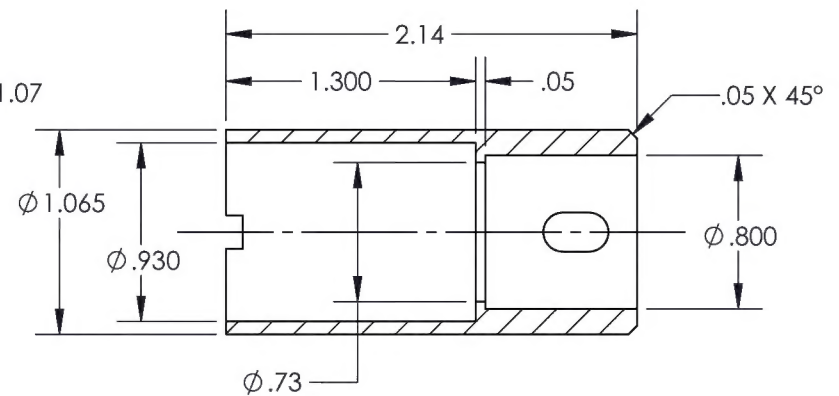
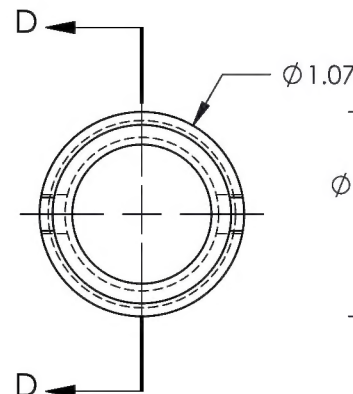
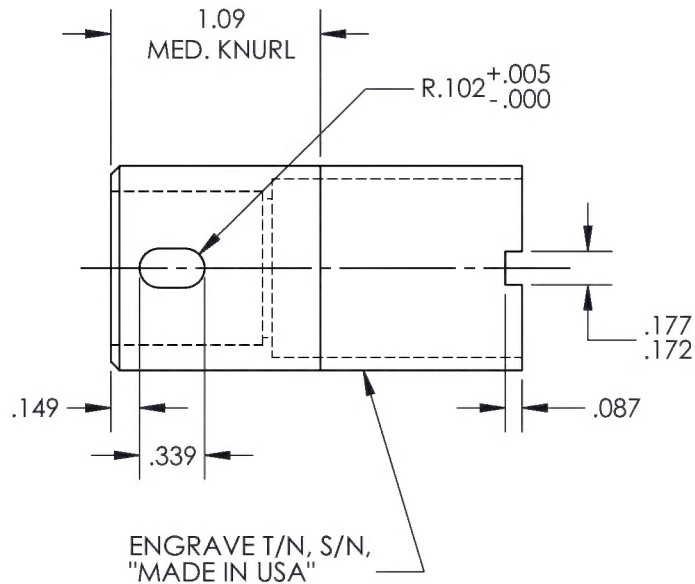
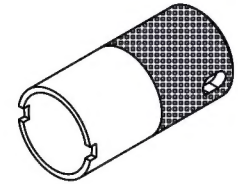
(-03)

QUILL

| | |
|--|--|
| DART AEROSPACE | |
| TITLE MAIN GEAR BOX DRAIN TOOL | |
| DWG NO. RBW1205G00332-3G-03 | REV 6 |
| MAT'L 303/304 S.S. | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES |
| HEAT TREAT | .XXX ± .005 FRACTIONS ± 1/8 |
| FINISH | .XX ± .01 ANGLES ± 5° |
| SPEC | .X ± .1 SURFACES = 125° |
| DRAWN BY: PERRITT | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R |
| CHECKED: DUERFELDT | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| OPPS APPR: ANDERSON | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| QA APPR: LINDSAY | USED ON MODEL |
| APPROVED: GILBERT | AGUSTA |
| SCALE 2:1 | DATE 2/23/2011 |
| SHEET 3 OF 8 | |

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| REVISIONS | | | | | |
|-----------|---------|-------------------------------------|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 1 | | -17 ADDED THIS PART FOR REDESIGN. | 3/2/2011 | JAG | |
| 2 | | -17 CH'D TO CLEAR ANODIZE. | 11/30/2011 | RJC | DW |
| 3 | | -17 ADDED ENGRAVE NOTRE. | 2/15/2012 | RJC | SE |
| 6 | 17-0088 | -17 CH'D DIM WAS .165 IS .172/.177. | 4/17/2017 | RJC | JAG |



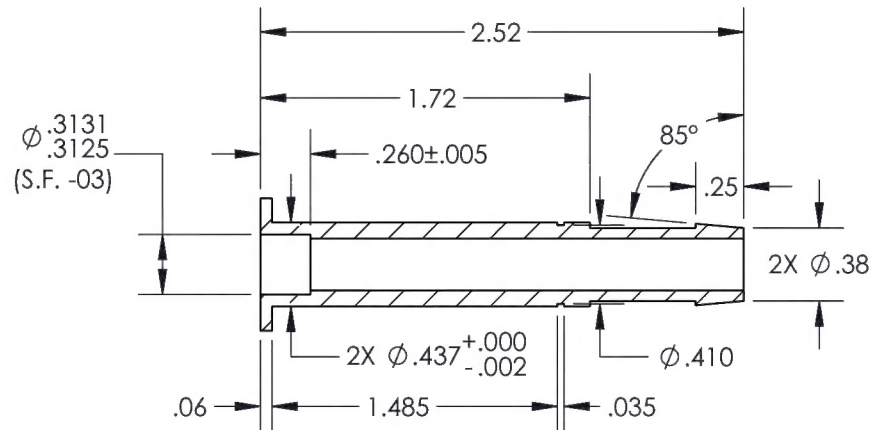
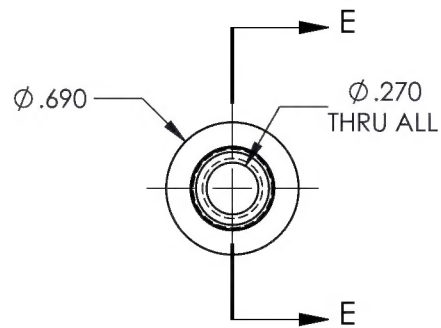
SECTION D-D

(-17)
SLEEVE

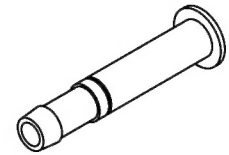
| | |
|--|--|
| DART AEROSPACE | |
| TITLE MAIN GEAR BOX DRAIN TOOL | |
| DWG NO. RBW1205G00332-3G-17 | REV 6 |
| MAT'L 6061 | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES |
| HEAT TREAT | .XXX ± .005 FRACTIONS ± 1/8 |
| FINISH CLEAR ANODIZE | .XX ± .01 ANGLES ± 5° |
| SPEC MIL-A-8625, TYPE II, CLASS I | .X ± .1 SURFACES = 125✓ |
| DRAWN BY: PERRITT | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R |
| CHECKED: DUERFELDT | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| OPPS APPR: ANDERSON | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| QA APPR: LINDSAY | USED ON MODEL |
| APPROVED: GILBERT | AGUSTA |
| SCALE 1:1 | DATE 2/23/2011 |
| SHEET 4 OF 8 | |

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| REVISIONS | | | | | |
|-----------|-----|---|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 1 | | -19 ADDED THIS PART FOR REDESIGN. | 3/2/2011 | JAG | |
| 2 | | -19 CH'D HOLE DIA. FROM Ø.26, CH'D .10 FLANGE DIM TO .06. | 11/30/2011 | RJC | DW |



SECTION E-E



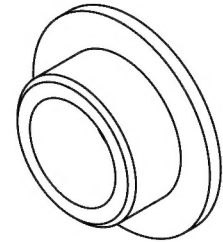
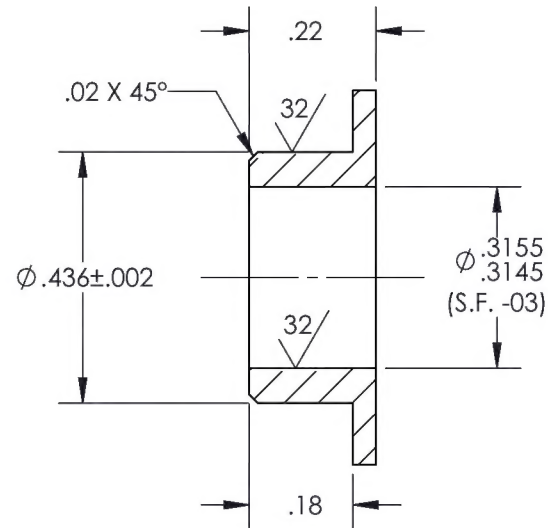
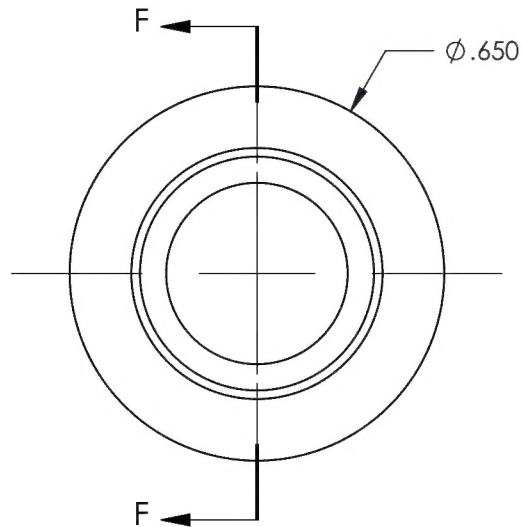
-19

BARB

| | |
|--|---|
| DART AEROSPACE | |
| TITLE MAIN GEAR BOX DRAIN TOOL | |
| DWG NO. RBW1205G00332-3G-19 | REV 6 |
| MAT'L 303/304 S.S. | UNLESS OTHERWISE SPECIFIED |
| HEAT TREAT FINISH | DIMENSIONS ARE IN INCHES |
| SPEC | .XXX ± .005 FRACTIONS ± 1/8 |
| DRAWN BY: PERRITT | .XX ± .01 ANGLES ± 5° |
| CHECKED: DUERFELDT | .X ± .1 SURFACES = 125° ✓ |
| OPPS APPR: ANDERSON | 1. BREAK ALL SHARP EDGES |
| QA APPR: LINDSAY | .015 x 45° OR .015R |
| APPROVED: GILBERT | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| SCALE 1:1 | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| DATE 2/22/2011 | USED ON MODEL |
| SHEET 5 OF 8 | AGUSTA |

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| REVISIONS | | | | | |
|-----------|-----|--|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 1 | | -21 ADDED THIS PART FOR REDESIGN. | 3/2/2011 | JAG | |
| 2 | | -21 CH'D Ø.313 TO LIMIT DIM. S.F. -.3. | 11/30/2011 | RJC | DW |



SECTION F-F

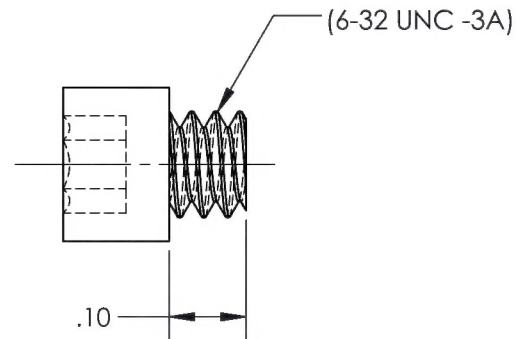
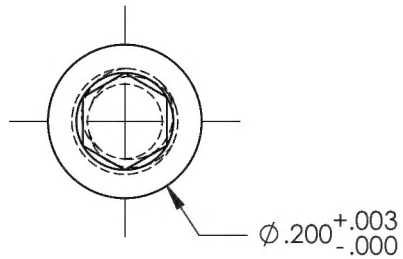
(-21)

VALVE

| | |
|--|--|
| DART AEROSPACE | |
| TITLE MAIN GEAR BOX DRAIN TOOL | |
| DWG NO. RBW1205G00332-3G-21 | REV 6 |
| MAT'L 303/304 S.S. | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES |
| HEAT TREAT | .XXX ± .005 FRACTIONS ± 1/8 |
| FINISH | .XX ± .01 ANGLES ± .5° |
| SPEC | .X ± .1 SURFACES = 125/✓ |
| DRAWN BY: PERRITT | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R |
| CHECKED: DUERFELDT | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| OPPS APPR: ANDERSON | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| QA APPR: LINDSAY | USED ON MODEL |
| APPROVED: GILBERT | AGUSTA |
| SCALE 3:1 | DATE 2/25/2011 |
| SHEET 6 OF 8 | |

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| REVISIONS | | | | | |
|-----------|-----|--|-----------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 1 | | -23 ADDED THIS PART FOR REDESIGN. | 3/2/2011 | JAG | |
| 3 | | -23 CH'D O.D. FROM Ø.20 TO Ø.200 +.003-.000. | 2/15/2012 | RJC | SE |



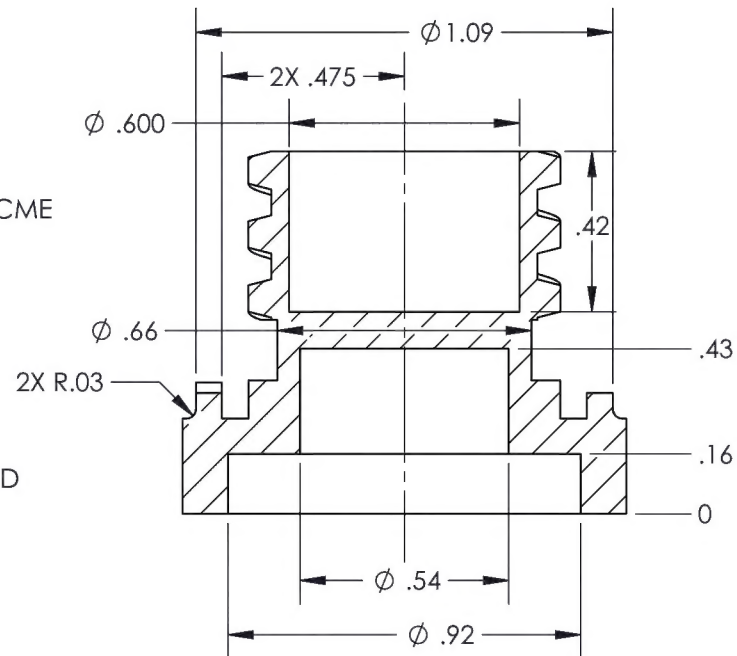
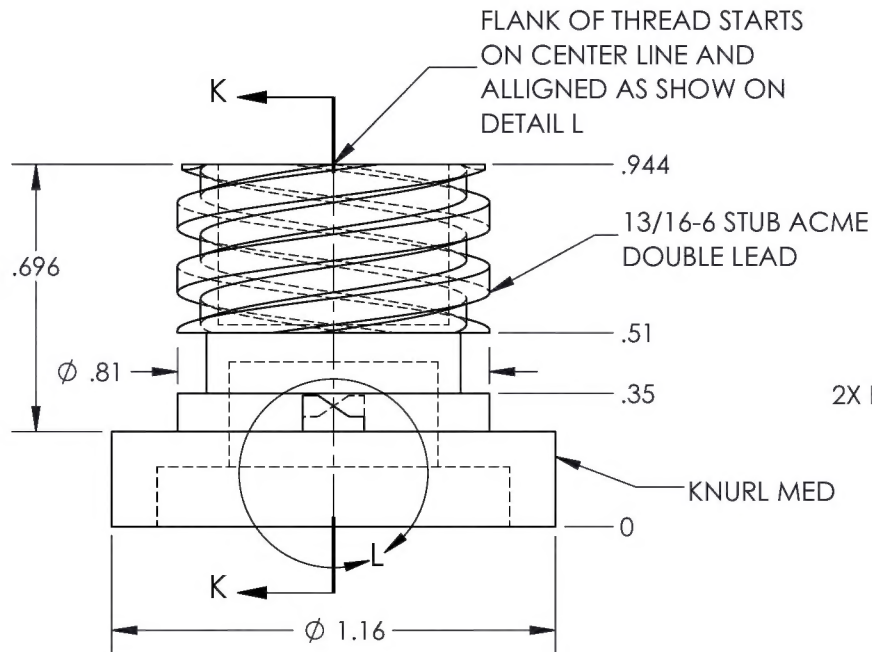
(-23)

SCREW

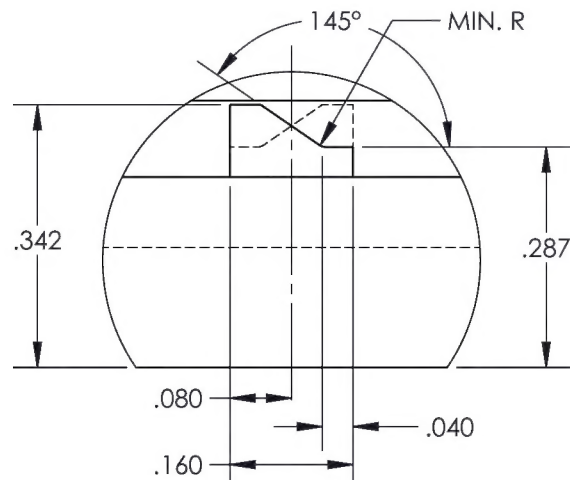
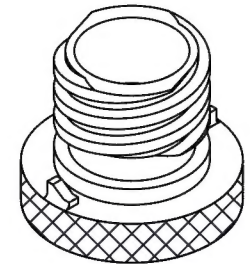
| | |
|--|------------------------------|
| DART AEROSPACE | |
| TITLE MAIN GEAR BOX DRAIN TOOL | |
| DWG NO. RBW1205G00332-3G-23 | REV 6 |
| MAT'L S.S. | UNLESS OTHERWISE SPECIFIED |
| HEAT TREAT | DIMENSIONS ARE IN INCHES |
| FINISH | .XXX ± .005 FRACTIONS ± 1/8 |
| SPEC | .XX ± .01 ANGLES ± .5° |
| | .X ± .1 SURFACES = 125° ✓ |
| DRAWN BY: GILBERT | 1. BREAK ALL SHARP EDGES |
| CHECKED: DUERFELDT | .015 x 45° OR .015R |
| OPPS APPR: ANDERSON | 2. DIMENSIONAL LIMITS APPLY |
| QA APPR: LINDSAY | AFTER PLATING |
| APPROVED: GILBERT | 3. INTERPRET DIM AND TOL PER |
| | ASME Y14.5M-2009 |
| | USED ON MODEL |
| | AGUSTA |
| SCALE 4:1 | DATE 2/22/2011 |
| | SHEET 7 OF 8 |

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| REVISIONS | | | | | |
|-----------|---------|---|-----------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 5 | 16-0057 | -24 ADDED. | 6/16/2016 | SM | JAG |
| 6 | 17-0088 | -24 ADDED DIM'S .696, Ø1.09, MIN. R. DELETED DIM'S 2X .068, .248. | 4/17/2017 | RJC | JAG |



SECTION K-K



DETAIL L
2 PLACES
SCALE 4 : 1

(-24)

END CAP

| | |
|--|--|
| DART AEROSPACE | |
| TITLE MAIN GEAR BOX DRAIN TOOL | |
| DWG NO. RBW1205G00332-3G-24 | REV 6 |
| MAT'L 6061 | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES |
| HEAT TREAT | .XXX ± .005 FRACTIONS ± 1/8 |
| FINISH BLACK ANODIZE | .XX ± .01 ANGLES ± 5° |
| SPEC MIL-A-8625F, TYPE II, CLASS III | .X ± .1 SURFACES = 125 ✓ |
| DRAWN BY: MACKOVJAK | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R |
| CHECKED: DUERFELDT | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| OPPS APPR: ANDERSON | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| QA APPR: LINDSAY | USED ON MODEL |
| APPROVED: GILBERT | AGUSTA |
| SCALE 2:1 | DATE 6/16/2016 |
| SHEET 8 OF 8 | |